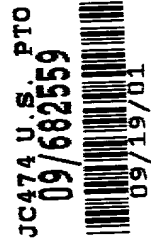


**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 12419  
Application ID: 09682559  
Title of Invention: Systems And Methods For  
Suppressing Pressure Waves  
Using Corrective Signal  
First Named Inventor: Joseph Hogle  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-09-19  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 57761.000184  
Digital Certificate Holder: cn=Robin Clark, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: WOWUe8tkGVQjKdpkMzH5IQ==  
Total Fees Authorized: \$1152.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 500206  
Deposit Account Name: Robin C. Clark



# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 57761.000184

## Systems And Methods For Suppressing Pressure Waves Using Corrective Signal

First Named Inventor: Mr. Joseph Alan Hogle

### SUBMITTED BY

Name: Robin C. Clark  
Registration Number: 40,956  
Electronic Signature Mark: rclark41 Date Signed: 20010919

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal	epaveapds.xml
patent-assignment	epaveasgn.xml
specification	Application.xml
declaration	Declaration01.tif
declaration	Declaration02.tif
declaration	Declaration03.tif
fee-transmittal	epavefee.xml

**Attached Image File(s):**

Declaration01.tif

Declaration02.tif

Declaration03.tif

[illegible]

**Comments:**

10105 11105 12105 13105 14105 15105 16105 17105 18105 19105 20105 21105 22105 23105 24105 25105 26105 27105 28105 29105 30105 31105 32105 33105 34105 35105 36105 37105 38105 39105 40105 41105 42105 43105 44105 45105 46105 47105 48105 49105 50105 51105 52105 53105 54105 55105 56105 57105 58105 59105 60105 61105 62105 63105 64105 65105 66105 67105 68105 69105 70105 71105 72105 73105 74105 75105 76105 77105 78105 79105 80105 81105 82105 83105 84105 85105 86105 87105 88105 89105 90105 91105 92105 93105 94105 95105 96105 97105 98105 99105 100105 101105 102105 103105 104105 105105 106105 107105 108105 109105 110105 111105 112105 113105 114105 115105 116105 117105 118105 119105 120105 121105 122105 123105 124105 125105 126105 127105 128105 129105 130105 131105 132105 133105 134105 135105 136105 137105 138105 139105 140105 141105 142105 143105 144105 145105 146105 147105 148105 149105 150105 151105 152105 153105 154105 155105 156105 157105 158105 159105 160105 161105 162105 163105 164105 165105 166105 167105 168105 169105 170105 171105 172105 173105 174105 175105 176105 177105 178105 179105 180105 181105 182105 183105 184105 185105 186105 187105 188105 189105 190105 191105 192105 193105 194105 195105 196105 197105 198105 199105 200105 201105 202105 203105 204105 205105 206105 207105 208105 209105 210105 211105 212105 213105 214105 215105 216105 217105 218105 219105 220105 221105 222105 223105 224105 225105 226105 227105 228105 229105 230105 231105 232105 233105 234105 235105 236105 237105 238105 239105 240105 241105 242105 243105 244105 245105 246105 247105 248105 249105 250105 251105 252105 253105 254105 255105 256105 257105 258105 259105 260105 261105 262105 263105 264105 265105 266105 267105 268105 269105 270105 271105 272105 273105 274105 275105 276105 277105 278105 279105 280105 281105 282105 283105 284105 285105 286105 287105 288105 289105 290105 291105 292105 293105 294105 295105 296105 297105 298105 299105 300105 301105 302105 303105 304105 305105 306105 307105 308105 309105 310105 311105 312105 313105 314105 315105 316105 317105 318105 319105 320105 321105 322105 323105 324105 325105 326105 327105 328105 329105 330105 331105 332105 333105 334105 335105 336105 337105 338105 339105 340105 341105 342105 343105 344105 345105 346105 347105 348105 349105 350105 351105 352105 353105 354105 355105 356105 357105 358105 359105 360105 361105 362105 363105 364105 365105 366105 367105 368105 369105 370105 371105 372105 373105 374105 375105 376105 377105 378105 379105 380105 381105 382105 383105 384105 385105 386105 387105 388105 389105 390105 391105 392105 393105 394105 395105 396105 397105 398105 399105 400105 401105 402105 403105 404105 405105 406105 407105 408105 409105 410105 411105 412105 413105 414105 415105 416105 417105 418105 419105 420105 421105 422105 423105 424105 425105 426105 427105 428105 429105 430105 431105 432105 433105 434105 435105 436105 437105 438105 439105 440105 441105 442105 443105 444105 445105 446105 447105 448105 449105 450105 451105 452105 453105 454105 455105 456105 457105 458105 459105 460105 461105 462105 463105 464105 465105 466105 467105 468105 469105 470105 471105 472105 473105 474105 475105 476105 477105 478105 479105 480105 481105 482105 483105 484105 485105 486105 487105 488105 489105 490105 491105 492105 493105 494105 495105 496105 497105 498105 499105 500105 501105 502105 503105 504105 505105 506105 507105 508105 509105 510105 511105 512105 513105 514105 515105 516105 517105 518105 519105 520105 521105 522105 523105 524105 525105 526105 527105 528105 529105 530105 531105 532105 533105 534105 535105 536105 537105 538105 539105 540105 541105 542105 543105 544105 545105 546105 547105 548105 549105 550105 551105 552105 553105 554105 555105 556105 557105 558105 559105 560105 561105 562105 563105 564105 565105 566105 567105 568105 569105 570105 571105 572105 573105 574105 575105 576105 577105 578105 579105 580105 581105 582105 583105 584105 585105 586105 587105 588105 589105 590105 591105 592105 593105 594105 595105 596105 597105 598105 599105 600105 601105 602105 603105 604105 605105 606105 60

## JOINT DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenship are as stated below next to our names;

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on invention entitled "SYSTEMS AND METHODS FOR SUPPRESSING PRESSURE WAVES USING CORRECTIVE SIGNAL" the specification of which

- ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
☐ is an International Application, PCT Application No. \_\_\_\_\_ filed on \_\_\_\_\_

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended any amendment referred to in this declaration.

We acknowledge the duty to disclose all information known to us to be material to the patentability of this application, as defined in 37 C.F.R. § 1.56(a).

We acknowledge the duty to disclose to the Office all information known to us to be material to patentability as defined in § 1.56(a), which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

## Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of application on which priority is claimed:

Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under 35 U.S.C. 119	
				Yes <input type="checkbox"/>	No <input type="checkbox"/>
				Yes <input type="checkbox"/>	No <input type="checkbox"/>

## Prior United States Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below

Application Serial Number	Date of Filing (day, month, year)

## Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §§ 120 and 365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys, their registration numbers being listed after their names:

Thomas J. Scott, Jr., Registration No. 27,836; Stanislaus Akman, Registration No. 28,562; Christopher C. Campbell, Registration No. 37,291; Patrick Doody, Registration No. 35,022; Jennifer A. Albert, Registration No. 32,012; Michael Martinez, Registration No. 37,178; Robert M. Schulman, Registration No. 31,196; Thomas E. Anderson, Registration No. 37,063; Brian M. Buroker, Registration No. 39,125; Charles F. Hollis, Registration No. 40,650; Jonathan D. Link, Registration No. 41,548; Kevin T. Duncan, Registration No. 41,495; Scott D. Balderston, Registration No. 35,436; Yisun Song, Registration No. 44,487; Kerry Owens, Registration No. 37,412; Devin S. Morgan, Registration No. 45,562; Andrew J. Ririe, Registration No. 45,597; Carl L. Benson, Registration No. 38,378; David D'Zurilla, Registration No. 43,606; Paramita Ghosh, Registration No. 42,806; Donald Lecher, Registration No. 41,933; Robin C. Clark, Registration No. 40,958; Herbert V. Kerner, Registration No. 42,721; Stuart I. Smith, Registration No. 42,159; Ozzie Farres, Registration No. 43,606; David H. Milligan, Registration No. 42,893; Scott F. Yarnell, Registration No. 45,245; David E. Baker, Registration No. 42,285; James R. Miner, Registration No. 40,444; Nancy J. Jensen, Registration No. 45,913; Christopher J. Forstner, Registration No. 46,049; Samson Vermont, Registration No. 42,202; Michael P.F. Phelps, Registration No. P48,654; Stephen T. Schreiner, Registration No. 43,097 all of Hunton & Williams; and

James E. McGinness, 33260, GE Wilmington Facility, P.O. Box 780, Mail Code A11, Wilmington, NC 28401, Ernest G. Cusick, 39476, and Tyler Maddry, 40074, both of GENERAL ELECTRIC CO., 1 River Road, Bldg. 37, 5<sup>th</sup> Floor, Schenectady, NY 12345.

All correspondence and telephone communications should be addressed to Hunton & Williams, 1900 K Street, N.W., Washington, D.C. 20006-1109, telephone number (202) 955-1500, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature: Joseph Alan Hogle Date: SEPT. 11, 2001

Full Name of First Inventor: Hogle Family Name Joseph First Given Name Alan Second Given Name

Residence: 3404 Canter Circle, Roanoke, Virginia 24018

Citizenship: USA

Post Office Address: Same

Signature: Michael Glynn Date: 11 Sep 2001

Full Name of First Inventor: Wise Family Name Michael First Given Name Glynn Second Given Name

Residence: 2829 Avenel Avenue, Roanoke, Virginia 24015

Citizenship: USA

Post Office Address: Same

Signature Stephen M. Shaver

Date: 9/13/01

Full Name of First Inventor      Shaver      Steven      Mark  
Family Name      First Given Name      Second Given Name

Residence      940 Adam Perry Road, Rocky Mount, Virginia 24151

Citizenship      USA

Post Office Address      Same

Signature Michael Eugene Pruitt

Date: 9/14/01

Full Name of First Inventor      Austin      Michael      Eugene  
Family Name      First Given Name      Second Given Name

Residence      3915 Skylark Circle, Roanoke, Virginia 24018

Citizenship      USA

Post Office Address      Same

HUNTON & WILLIAMS  
1900 K Street, N.W., Suite 1200  
Washington, D.C. 20006-1109  
Tel: (202) 855-1500  
Fax: (202) 778-2201

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1152**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0206



Deposit Account Name: Hunton and Williams

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Robin C. Clark

Electronic Signature Mark: rclak41

Date Signed: 20010919

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 29	103	\$ 18	9	\$ 162
Independent Claims: 6	102	\$ 80	3	\$ 240

Subtotal For Extra Claims Fees: \$ 402



## ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40

11/11/2011 11:11:11 AM